



K. L. E. Society's
Basavaprabhu Kore Arts, Science and
Commerce College, Chikodi

(Accredited at 'A' by NAAC with 3.26 CGPA)

Department of Commerce
(B.Com Programme)

Programme Outcomes
Programme Specific Outcomes

Vision

"Education for Empowerment of Rural Youth"



Department of Commerce

Course Introduction

Bachelor of Commerce (B.Com) is the 3 years programme which deals with subjects and advanced topics related to Commerce.

Objectives

- To develop a strong foundation for the students in the different areas of commerce.
- To prepare the students for positions of leadership in business organizations
- To develop the skills required for applying the concepts and techniques in the field of commerce.
- To make the students to develop entrepreneurship skills.
- To develop competencies among the students to work efficiently in different business environment.
- To inculcate a sense of civic responsibility, social commitment, and moral accountability among the students through social activities.
- To develop research culture and problem solving skills.
- To prepare students for membership of variety of professional and statutory bodies like ICWA, ICAI, ICSI.

Outcomes:

- Learners will acquire skill like effective communication, decision making, problem solving, and event management in day today activities.
- Students will be able to apply theoretical concepts to develop innovative practical business solutions.
- Learners can also acquire practical skills to work as team consultants audit assistants and other financial supporting services.
- Learners can identify the key issues of doing business.
- Students will gain through systematic subject skills with in various disciplines of commerce business, accounting, finance and marketing.
- They able to acquire entrepreneur skill to set up their own enterprise.
- They gain knowledge about stock market operations.
- After completing the course students acquire knowledge on accounting practices.
- Students gain knowledge on budgeting and its implementation.
- After completing the course they are able to do job in various steams like marketing advisor, tax consultant financial advisor tax consultant advertising manager financial advisor etc.
- Students are able to evaluate the different factors influencing on the economic conditions of country.



Department of Commerce

B.COM - PROGRAM OUTCOMES

At the time of graduation students will be able to;

- PSO-1** Demonstrate knowledge and understanding of the management principles and apply these to one's own work, as a member and leader in a team, to manage various tasks and in multidisciplinary environments.
- PSO-2** Communicate effectively in person and through electronic media and elicit views of others, mediate disagreements and help reach conclusions in group settings.
- PSO-3** Apply the knowledge of Trade and commerce to the solution of complex Business and individual problems.
- PSO-4** Understand the impact of the various business activities in societal and environmental contexts, and demonstrate the knowledge, and need for sustainable development.
- PSO-5** Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.
- PSO-6** Apply ethical principles and commit to professional ethics and responsibilities.
- PSO-7** Acquire the skills like effective communication, decision making, problem solving in day to day business affairs



Department of Commerce

B.COM – PROGRAM SPECIFIC OUTCOMES

At the time of graduation students will be able to;

- PSO-1** Gain a thorough knowledge in the various aspects of business like accounting, marketing, trading, human resource, taxation, finance, banking and management to contribute for the development of business.
- PSO-2** Perform duties as accountant, tax consultant, manager, financial analyst, and secretary in various business organizations.
- PSO-3** Understand entrepreneurial skills to set up their own start-ups and small and micro enterprises at rural area.
- PSO-4** Apply the knowledge of accounting, computer, management, taxation, finance and economics to find out the solutions for complex business problems.
- PSO-5** Practice and adhere to professional ethics.
- PSO-6** Get eligibility to appear for various competitive examinations conducted by different agencies of the Government.
- PSO-7** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PSO-8** Pursue their career in professional courses and higher education in the field of Commerce.
- PSO-9** Communicate effectively on complex business activities with stakeholders and with society at large.



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Department of Commerce
(B.Com Programme)

Course Outcomes (COs)
Courses Offered

2021-22

Vision

"Education for Empowerment of Rural Youth"



Department of Commerce

COURSE OUTCOMES – 2021-22

NEP Syllabus w.e.f 2021-22

Course: Financial Accounting		BCOM I Semester
On successful completion of the course, the Students will be able to;		
CO1	Understand the theoretical framework of accounting as well accounting standards.	
CO2	Demonstrate the preparation of financial statement of manufacturing and non-manufacturing entities of sole proprietors.	
CO3	Exercise the accounting treatments for consignment transactions & events in the books of consignor and consignee.	
CO4	Understand the accounting treatment for royalty transactions & articulate the Royalty agreements.	
CO5	Outline the emerging trends in the field of accounting.	
Course: Management Principles and Applications		BCOM I Semester
On successful completion of the course, the Students will be able to		
CO1	Understand and identify the different theories of organisations, which are relevant in the present context.	
CO2	Design and demonstrate the strategic plan for the attainment of organisational goals.	
CO3	Differentiate the different types of authority and choose the best one in the present context.	
CO4	Compare and choose the different types of motivation factors and leadership styles.	
CO5	Choose the best controlling techniques for better productivity of an organisation.	
Course: Principles of Marketing		BCOM I Semester
On successful completion of the course, the Students will be able to		
CO1	Understand the basic concepts of marketing and assess the marketing environment.	
CO2	Analyze the consumer behavior in the present scenario & marketing segmentation.	
CO3	Discover the new product development & identify the factors affecting the price of a product in the present context.	
CO4	Judge the impact of promotional techniques on the customers & importance of channels of distribution.	
CO5	Outline the recent developments in the field of marketing.	

Course: Entrepreneurship Development – OEC 1

- On successful completion of the course, the Students will be able to;
- C01 Analyze the problems and challenges of entrepreneurs
 - C02 Understand the various institutions involved in entrepreneurship development
 - C03 Have broad idea of entrepreneurship stimulation.
 - C04 Understand the various schemes available for rural entrepreneurship.
 - C05 Know the government support available to entrepreneurship activities.

Course: Accounting for Everyone – OEC 1

- On successful completion of the course, the Students will be able to;
- C01 Analyse various terms used in accounting;
 - C02 Make accounting entries and prepare cash book and other accounts necessary whilerunning a business;
 - C03 Prepare accounting equation of various business transactions;
 - C04 Analyse information from company's annual report;
 - C05 Comprehend the management reports of the company.



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Department of Commerce

COURSE OUTCOMES- 2021-22

NEP Syllabus w.e.f 2021-22

Course: Advanced Financial Accounting		BCOM II Semester
	On successful completion of the course, the Students will be able to;	
CO1	Learn various methods of accounting for hire purchase transactions.	
CO2	Deal with the inter-departmental transfers and their accounting treatment.	
CO3	Demonstrate various accounting treatments for dependent & independent branches.	
CO4	Prepare financial statements from incomplete records.	
Course: Corporate Administration		BCOM II Semester
	On successful completion of the course, the Students will be able to	
CO1	Understand the framework of Companies Act 2013 & different kind of companies.	
CO2	Identify the stages and documents involved in the formation of companies in India.	
CO3	Analyse the role, responsibilities and functions of Key management Personnel in Corporate Administration.	
CO4	Examine the procedure involved in the corporate meeting and the role of company secretary in the meeting.	
CO4	Evaluate the role of liquidator in the process of winding up of the company.	
Course: Law and Practice of Banking		BCOM II Semester
	On successful completion of the course, the Students will be able to	
CO1	Summarize the relationship between Banker & customer and different types of functions of banker.	
CO2	Analyse the role, functions and duties of paying and collecting banker.	
CO3	Make use of the procedure involved in opening and operating different accounts.	
CO4	Examine the different types of negotiable instrument & their relevance in the present context.	
CO5	Estimate possible developments in the banking sector in the upcoming days.	

Course: Event Management – OEC 2**BCOM II Semester****On successful completion of the course, the Students will be able to;**

- | | |
|------------|------------------------------------------------------------------------------------------------------------|
| CO1 | Develop their own career opportunity and build their life through event management activities. |
| CO2 | Train students in skills to plan, manage and implement various types of events. |
| CO3 | Gain confidence and enjoyment from involvement in the event management. |
| CO4 | Identify best practice in the development and delivery of successful conferences and corporate gatherings. |
| CO5 | Obtain a sense of responsibility for the multi-disciplinary nature of event management. |

Course: Investing in Stock Markets – OEC 2**BCOM II Semester****On successful completion of the course, the Students will be able to;**

- | | |
|------------|-----------------------------------------------------------------------------------------------------------|
| CO1 | Explain the basics of investing in the stock market, the investment environment as well as risk & return; |
| CO2 | Analyse Indian securities market; |
| CO3 | Examine EIC framework and conduct fundamental analysis; |
| CO4 | Perform technical analysis; |
| CO5 | Invest in mutual funds market. |

Department of Commerce
COURSE OUTCOMES – 2021-22

COURSE OUTCOMES

CBCS Syllabus w.e.f 2020-21

Course: Corporate Accounting - I		BCOM III Semester
	On successful completion of the course, the Students will be able to;	
CO1	Explain the concepts of shares, debentures, managerial remuneration and financial statements of joint stock company.	
CO2	Record the transitions and prepare the accounts relating to issue of shares and	
CO3	debentures.	
CO4	Calculate underwriters' liability and commission.	
CO5	Prepare financial statements of joint stock company.	
CO6	Determine the value of goodwill and shares.	
Course: Entrepreneurship Development		BCOM III Semester
	On successful completion of the course, the Students will be able to	
CO1	Describe the concept of entrepreneurs.	
CO2	Explain the process of entrepreneurship development.	
CO3	Elaborate about entrepreneurship stimulation.	
CO4	Make use of the schemes of rural entrepreneurship.	
CO5	Describe the Government Support for entrepreneurship.	
Course: Innovative Banking		BCOM III Semester
	On successful completion of the course, the Students will be able to	
CO1	Understand about bank and banking.	
CO2	Write down about the relationship between Banker and customer.	
CO3	Explain about cheques.	
CO4	Understand the modes of advancing, lien, Pledge, Hypothecation and Mortgage.	
CO5	Make use of e-banking and internet banking services.	

Course: Quantitative Analysis for Business Decisions- I**BCOM III Semester****On successful completion of the course, the Students will be able to**

- CO1 Explain the concepts statistics and quantitative analysis.
- CO2 Calculate mathematical averages, Positional averages, Standard deviation & CV.
- CO3 Identify the correlation between variables.
- CO4 Calculate predicted value by regression analysis.
- CO5 Make analysis of time series.
- CO6 Apply the Statistical Quality Control charts for Quality Control

Course: Practicals on Skill Development**BCOM III Semester****On successful completion of the course, the Students will be able to**

- CO1 Apply their knowledge in preparation of financial statements and calculation of managerial remuneration.
- CO2 Apply their knowledge in preparation of SWOC analysis.
- CO3 Fill the forms used in banks.
- CO4 Make analysis of data.

Course: E-Commerce**BCOM III Semester****On successful completion of the course, the Students will be able to**

- CO1 Understand the concepts of E-Commerce.
- CO2 Explain the different methods of e-payments.
- CO3 Describe about trends in E-Commerce.
- CO4 Make use of MS-Word and MS-Excel in Business.

PROGRAMME OUTCOME from B.Sc (Hons.) Chemistry

The B.Sc.(Hons) programme in Chemistry is designed to develop in students in depth knowledge of the core concepts and principles that are central to the understanding of this core science discipline. Undergraduates pursuing this programme of study go through laboratory work that specifically develops their quantitative and qualitative skills, provides opportunities for critical thinking and team work, and exposes them to techniques useful for applied areas of scientific study.

➤ **Knowledge: Width and depth:**

Students acquire theoretical knowledge and understanding of the fundamental concepts, principles and processes in main branches of chemistry, namely, organic, inorganic, physical, spectroscopy, analytical and biochemistry. In depth understanding is the outcome of transactional effectiveness and treatment of specialized course contents. Width results from the choice of electives that students are offered.

➤ **Laboratory Skills: Quantitative, analytical and instrument based:**

A much valued learning outcome of this programme is the laboratory skills that students develop during the course. Quantitative techniques gained through hands on work opens choice of joining the industrial laboratory work force early on. The programme also provides ample training in handling basic chemical laboratory instruments and their use in analytical and biochemical determinations. Undergraduates on completion of this programme can cross branches to join analytical, pharmaceutical, material testing and biochemical labs besides standard chemical laboratories.

➤ **Communication:**

Communication is a highly desirable attribute to possess. Opportunities to enhance students' ability to write methodical, logical and precise reports are inherent to the structure of the programme. Techniques that effectively communicate scientific chemical content to large audiences are acquired through oral and poster presentations and regular laboratory report writing.

➤ **Capacity Enhancement:**

Modern day scientific environment requires students to possess ability to think independently as well as be able to work productively in groups. This requires some degree of balancing. The chemistry honours programme course is designed to take care of this important aspect of student development through effective teaching learning process.

➤ **Portable Skills:**

Besides communication skills, the programme develops a range of portable or transferable skills in students that they can carry with them to their new work environment after completion of chemistry honours programme. These are problem solving, numeracy and mathematical skills- error analysis, units and conversions, information retrieval skills, IT skills and organizational skills. These are valued across work environments.

Structure of the Programme in B.Sc (Hons.) Chemistry

The programme, includes Core Courses and Elective Courses. The Core Courses are all compulsory courses (DSC). There are three types of Elective Courses – Discipline Specific Elective (DSE), Open Elective (OE), and Skill Enhancement Courses (SEC), have sub skill based and value based. In addition there are two compulsory Ability Enhancement Courses (AECC). The Core, DSE and GE Courses are six credit courses; the SEC, AEC are four credit courses.

NEP-20

LEARNING OUTCOMES / COURSE OUTCOMES:

Chemistry as Discipline Specific Course (DSC)

B.Sc. Semester – I; CHEMISTRY-1

After successful completion of three year degree program in Chemistry a student should be able to;

1. Describe the dual nature of radiation and matter; dual behaviour of matter and radiation, de Broglie's equations, Heisenberg Uncertainty principle and their related problems.
2. Quantum mechanics. Derivation of Schrodinger's wave equation. Orbital shapes of *s*, *p*, *d* and *f* atomic orbitals, nodal planes. Electronic configurations of the atoms.
3. Define periodicity, explain the cause of periodicity in properties, and classify the elements into four categories according to their electronic configuration.
4. Define atomic radii, ionisation energy, electron affinity and electronegativity, discuss the factors affecting atomic radii, describe the relationship of atomic radii with ionisation energy and electron affinity, describe the periodicity in atomic radii, ionization energy, electron affinity and electronegativity.
5. Explain bond properties, electron displacement effects (inductive effect, electrometric effect, resonance effect and Hyper conjugation effect). Steric effect and their applications in explaining acidic strength of carboxylic acids, basicity of amines.
6. Understand basic concept of organic reaction mechanism, types of organic reactions, structure, stability and reactivity of reactive intermediates.
7. Describe important characteristics of configurationally and conformational isomers. Practice and write conformational isomers of ethane, butane and cyclohexane.
8. Understand the various concepts of geometrical isomerism and optical isomerism. Describe CIP rules to assign E,Z notations and R & S notations. Explain D and L configuration and *threo* and *erythro* nomenclature.
9. Explain racemic mixture and racemisation, resolution of racemic mixture through mechanical separation, formation of diastereomers, and biochemical methods, biological significance of chirality.
10. Explain the existence of different states of matter in terms of balance between intermolecular forces and thermal energy of the particles. Explain the laws governing behavior of ideal gases and real gases. Understand cooling effect of gas on adiabatic expansion.
11. Describe the conditions required for liquefaction of gases. Realise that there is continuity in gaseous and liquid state.
12. Explain properties of liquids in terms of intermolecular attractions.
13. Understand principles of titrimetric analysis.
14. Understand principles of different type's titrations. Titration curves for all types of acids – base titrations.
15. Gain knowledge about balancing redox equations, titration curves, theory of redox indicators and applications.
16. Understand titration curves, indicators for precipitation titrations involving silver nitrate-Volhard's and Mohr's methods and their differences.
17. Indicators for EDTA titrations - theory of metal ion indicators. Determination of hardness of water.

CHEMISTRY LAB (Inorganic and Organic Analyses)

After studying this course and performing the experiments set in it student will be able to:

1. Understand and practice the calibration of glasswares (burette, pipette, volumetric flask).
2. Basic concepts involved in titrimetric analysis, primary standard substances, preparation of standard solutions.
3. Explain the principles of acid-base, redox and iodometric titrations.
4. Work out the stoichiometric relations based on the reactions involved in the titrimetric analysis.
5. Based on principles of titrimetric analysis student can perform
6. Describe the significance of organic quantitative analysis.
7. Determine the amount of phenol, aniline, amide, ester and formaldehyde in a given solution by performing blank titration and main titrations.
8. Determine aspirin in the tablet by hydrolysis method.



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Website: klesbkcollegchikodi.com e-mail: kles_bkcc@rediffmail.com ☎ : 08338 – 272176

Bachelor of Science (B.Sc)

OUT COMES OF LEARNING CHEMISTRY

Graduates with a major in Chemistry will be able to:

LO₁ : Theory and Knowledge: Upon completion of a degree chemistry majors are able to recognize and apply the principles of atomic and molecular structure to predict chemical properties and chemical reactivity.

LO₂ : Laboratory Skills: Upon completion of a degree, chemistry majors are able to handle critical thinking and scientific inquiry in the performance, design, interpretation and documentation of laboratory experiments at a level suitable to succeed at an entry-level position in chemical industry or a chemistry graduate program.

LO₃ : Quantitative Skills: Upon completion of a degree, chemistry majors are able to interpret and analyze quantitative data.

LO₄ : Instrumentation: Upon completion of a degree, chemistry majors are able to understand theoretical concepts of instruments that are commonly used in most chemistry fields as well as interpret and use data generated in instrumental chemical analyses.



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Bachelor of Science (B.Sc)

Programme Outcomes:

After the completion of the programme, the student will:

PO₁: Acquired the knowledge with facts and figures related to various subjects in pure sciences such as Physics, Chemistry, Botany, Zoology, Mathematics, etc.

PO₂: Understood the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.

PO₃: Acquired the skills in handling scientific instruments, planning and performing in laboratory experiments.

PO₄: The skills of observations and drawing logical inferences from the scientific experiments.

PO₅: Analyzed the given scientific data critically and systematically and the ability to draw the objective conclusions.

PO₆: Realized how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable developments.

PO₇: Developed scientific outlook not only with respect to science subjects but also in all aspects related to life. Realized that knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.

PO₈: Realized that pursuit of knowledge is a lifelong activity and in combination with untiring efforts and positive attitude and other necessary qualities leads towards a successful life.

PO₉: Students will develop skills of analysis, synthesis, critical thinking, problem solving – largely via the scientific method.

PO₁₀: Students will acquire a core knowledge in chemistry and allied natural sciences.

PO₁₁: Students will gain an understanding of current social and ethical issues in chemistry.

PO₁₂: Students will gain the extensive technical knowledge and skills required of a professional chemist.



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Bachelor of Science (B.Sc)

Course Outcomes:

CO1: Course Outcomes of Inorganic Chemistry

- ✓ Developing ability to apply the knowledge on contents of principles of chemistry.
- ✓ Developing the power of appreciation, the achievement in chemistry and role in nature and society

CO2: Course Outcomes of Organic Chemistry

- ✓ Developing spectral knowledge.
- ✓ Developing proper aptitude towards the subject.
- ✓ Creating scientific approach towards various chemical reactions.

CO3: Course Outcomes of Physical Chemistry

- ✓ Developing problem solving skills.
- ✓ Developing scientific knowledge.
- ✓ Developing working knowledge of instrument.

CO4: Course Outcomes of Analytical Chemistry

- ✓ Exposure to different processors used in Industries and their applications.
- ✓ Developing ability to acquire the knowledge of terms, facts, concepts, processors, technique and principles of subject.

CO5: Course Outcomes of General Chemistry

- ✓ Creating interest in environmental issue.
- ✓ Increasing working knowledge of instruments.
- ✓ Obtaining the knowledge of pharmaceutical tables
- ✓ Social awareness about the quality of water.
- ✓ Increasing the practical skill of the students



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Bachelor of Science (B.Sc)

Course Outcomes:

CO₁: Course Outcomes of Inorganic Chemistry

- ✓ Developing ability to understand the composition of matter and its structure & properties.
- ✓ Enable the students to know the nature of metals, non-metals and metalloids.

CO₂: Course Outcomes of Organic Chemistry

- ✓ Understanding the structure & properties of hydrocarbons and their wide applications in the field of pharmaceutical and Agriculture Industry.
- ✓ Understanding the science behind in various chemical reaction.

CO₃: Course Outcomes of Physical Chemistry

- ✓ Understanding science behind in physical process such as thermodynamics, reaction kinetics and equilibria.
- ✓ Understanding various principles and theoretical aspects of chemistry.

CO₄: Course Outcomes of Analytical Chemistry

- ✓ Understanding the various analytical methods being used in various industries.
- ✓ Enable the students to understand the scientific methodology in testing the samples and quantifying them.
- ✓ Developing the experimental skills related to qualitative and quantitative analysis.



HOD

Head of the
Department of Chemistry
B. K. College, CHIKODI - 591 201



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Bachelor of Science (B.Sc)

OUT COMES OF LEARNING CHEMISTRY

LO₁ : Understand the importance of the elements in the periodic table including their physical and chemical nature and role in the daily life. Understand the concept of chemistry to inter relate and interact to the other subject like physics, biological science etc.

LO₂ : To handle critical thinking and scientific inquiry in the performance, design, interpretation and documentation of laboratory experiments at a level suitable to succeed at an entry-level position in chemical industry or a chemistry Post-Graduate program.

LO₃ : Achieve the skills required to succeed in the chemical industry like cement industries, agro product, Paint industries, Rubber industries, Petrochemical industries, Food processing industries, Fertilizer industries etc.

LO₄ : To understand theoretical concepts of instruments that are commonly used in most chemistry fields as well as interpret the data generated in instrumental chemical analysis and gained the theoretical as well as practical knowledge of handling chemicals. Also they expand the knowledge available opportunities related to chemistry.

HOD

Head of the

Department of Chemistry

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Bachelor of Science (B.Sc.) - Chemistry

Programme Specific Outcomes (PSOs):

After the completion of the programme, the student will:

PSO₁: Be able to acquire the knowledge about various aspects of Chemistry.

PSO₂: Understand the fundamental principles, and the scientific theories related to various physicochemical phenomena and their relevance in the day-to-day life.

PSO₃: Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.

PSO₄: Develop skills of observations and drawing logical inferences from the scientific experiments.

PSO₅: Analyze the given scientific data critically and systematically to draw the objective conclusions.

PSO₆: Understand the basics of various industrial processes that involve chemical transformations.

PSO₇: Understand the science behind identifying the composition and structure of molecules existing in both biological systems materials.

PSO₈: Understand environmental aspects related to hazards and other chemicals.


PSO₉: Develop skills with respect to qualitative and quantitative chemical analysis.

PSO₁₀: Students will gain the extensive technical knowledge and other relevant information for a professional chemist.

PSO₁₁: Student will understand the importance of chemistry in the fields of agriculture, pharmaceuticals etc.


HoD




Principal
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BSc (Hons) Chemistry Program-2021-22 (NEP)

COURSE OUTCOME

At the end of the course the student should be able to:

CO₁. To understand and appreciate the development of various atomic theories.

CO₂. To justify the need for quantum mechanical structure of atoms

CO₃. The concepts of Organic reactions and techniques of writing the movement of electrons, bond breaking, bond forming

CO₄. The Concept of aromaticity, resonance, hyper conjugation, etc.

CO₅. Understand the preparation of alkanes, alkenes and alkynes, their reactions, etc.

CO₆. To make familiarization with various states of matter

CO₇. To teach how liquid state and its physical properties are related to temperature and pressure variation.

CO₈. Prepare the solutions after calculating the required quantity of salts in preparing the reagents/solutions and dilution of stock solution.

CO₉. The concept of volumetric and gravimetric analysis and deducing the conversion factor for determination

CO₁₀. Handling of toxic chemicals, concentrated acids and organic solvents and practice safety procedures.



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BSc (Hons) Chemistry Program-2021-22 (NEP)

PROGRAM OUTCOMES

By the end of the program the students will be able to:

PO. 1: To create enthusiasm among students for chemistry and its application in various fields of life.

PO. 2: To provide students with broad and balanced knowledge and understanding of key concepts in chemistry

PO. 3: To develop in students a range of practical skills so that they can understand and assess risks and work safely measures to be followed in the laboratory.

PO. 4: To develop in students the ability to apply standard methodology to the solution of problems in chemistry.

PO. 5: To provide students with knowledge and skill towards employment or higher education in Analytical chemistry or multi-disciplinary areas involving chemistry.

PO.6: To provide students with the ability to plan and carryout experiments independently and assess the significance of outcomes and to cater to the demands of chemical Industries of well-trained graduates

PO. 7: To develop in students the ability to adapt and apply methodology to the solution of unfamiliar types of problems.

PO. 8: To instill critical awareness of advances at the forefront of chemical sciences, to prepare students effectively for professional employment or research degrees in chemicalsciences and to develop an independent and responsible work ethics.



K.L.E.Society's
BASAVPRABHU KORE ARTS, SCIENCE AND COMMERCE COLLEGE, CHIKKODI –
591201 District – Belagavi (Karnataka state, India)

Accredited at 'A' grade by NAAC with CGPA of 3.26 during third cycle of assessment

PROGRAMME OUTCOMES

A Student of Bachelor of Science (BSc) at the time of graduation will be able to:

- PO1.** Apply the knowledge gained through different subjects of basic science in designing and developing a model leading to self-employment.
- PO2.** Understand the awe inspiring beauty of nature and contribute to save the environment.
- PO3.** Spread the science knowledge in formulating the research methodologies leading to better inventions.
- PO4.** Respect the contributions made by the scientists, Nobel laureates and throw light on the new endeavours in the field of scientific investigations.
- PO5.** Preserve the rivers, reservoirs, forests, wildlife, nature and natural resources for the betterment of the future generation.
- PO6.** Use the applications learnt to improve the life of rural and urban areas in making 'Clean India' a successful drive – only possibility from the youth.
- PO7:** Get eligibility to appear for various competitive examinations conducted by different agencies of the Government.



K.L.E.Society's
BASAVPRABHU KORE ARTS, SCIENCE AND COMMERCE COLLEGE, CHIKKODI –
591201 District – Belagavi (Karnataka state, India)

Accredited at 'A' grade by NAAC with CGPA of 3.26 during third cycle of assessment

BSc Programme Outcomes (CBCS syllabus) with effect from 2020 – 21

- Recognizing, identifying, and fostering the unique capabilities of each student thus promote each student's holistic development in both academic and non-academic spheres
- Students can achieve Foundational Literacy and Numeracy
- Have the ability to choose their learning trajectories and programs and thereby choose their own paths in life according to their talents and interests
- No hard separations between BA and BSC, between curricular and extra-curricular activities, between vocational and academic streams, etc. in order to eliminate harmful hierarchies between different areas of learning
- Holistic education across the sciences, social sciences, arts, humanities, and sports for a multidisciplinary world in order to ensure the unity and integrity of all knowledge
- Emphasis on conceptual understanding rather than learning-for-exams
- Creativity and critical thinking to encourage logical decision-making and innovation
- ethics and human & Constitutional values like respect for others, cleanliness, democratic spirit, spirit of service, respect for public property, scientific temper, liberty, responsibility, equality and justice
- Life skills such as communication, cooperation and teamwork
- Focus on regular formative assessment for learning rather than the summative assessment
- Extensive use of technology in teaching and learning, removing language barriers



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COLLEGE, CHIKODI – 591 201.**

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle)

Website: www.klesbkcollegechikodi.edu.in

e-mail: kles_bkcc@rediffmail.com

☎ : 08338 – 272176

Department of Zoology

Program Outcome 2021-22 (NEP Syllabus)

- ❖ Students enrolled in B.Sc. (Hons.) degree program in Zoology will study and acquire complete knowledge of disciplinary as well as allied biological sciences.
- ❖ At the end of graduation, they should possess expertise which will provide them competitive advantage in pursuing higher studies from India or abroad; and seek jobs in academia, research or industries.
- ❖ Students should be able to identify, classify and differentiate diverse chordates and non-chordates based on their morphological, anatomical and systemic organization. They will also be able to describe economic, ecological and medical significance of various animals in human life. This will create a curiosity and awareness among them to explore the animal diversity and take up wild life photography or wild life exploration as a career option.
- ❖ The procedural knowledge about identifying and classifying animals will provide students professional advantages in teaching, research and taxonomist jobs in various government organizations; including Zoological Survey of India and National Parks/Sanctuaries.
- ❖ Acquired practical skills in biotechnology, biostatistics, bioinformatics and molecular biology can be used to pursue career as a scientist in drug development industry in India or abroad.
- ❖ Our students will be acquiring basic experimental skills in various techniques in the fields of genetics; molecular biology; biotechnology; qualitative and quantitative microscopy; enzymology and analytical biochemistry. These methodologies will provide an extra edge to our students, who wish to undertake higher studies.



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Department of Zoology

Course Outcome 2021-22 (NEP Syllabus)

I Semester: Discipline Specific Course

Course Code: 21BSC1C1ZOO1L

Course Title: Cytology, Genetics and Infectious Diseases

Course Outcomes (COs):

At the end of the course the student should be able to:

1. To use simple and compound microscopes.
2. To prepare stained slides to observe the cell organelles.
3. To be familiar with the basic principle of life, how a cell divides leading to the growth of an organism and also reproduces to form new organisms.
4. The chromosomal aberrations by preparing karyotypes.
5. How chromosomal aberrations are inherited in humans by pedigree analysis in families

I Semester: OPEN ELECTIVE COURSE

Course Code: 21BSC1O1ZOO1

Course Title: Economic Zoology

Course Outcome:

1. Upon completion of the course, students should be able to: Acquire knowledge about different kinds of fish their compatibility in aquarium.
2. Become aware of Aquarium as commercial, decorative and of scientific studies. Develop personal skills on maintenance of aquarium.

3. Know about the basic needs to set up an aquarium, i.e., dechlorinated water, reflector, filters, scavenger, aquatic plants etc. and the ways to make it cost-effective.

I Semester: SKILL ENHANCEMENT COURSE IN ZOOLOGY

Title of the Course: SEC: Course code: 21BSC1S1ZOO1

Paper Name: Aquarium Fish Keeping

1. Upon completion of the course, students should be able to: Acquire knowledge about different kinds of fish their compatibility in aquarium.
2. Become aware of Aquarium as commercial, decorative and of scientific studies.
Develop personal skills on maintenance of aquarium
3. Know about the basic needs to set up an aquarium, i.e., dechlorinated water, reflector, filters, scavenger, aquatic plants etc. and the ways to make it cost-effective



Department of Zoology

Course Outcome 2021-22 (NEP Syllabus)

II Semester: Discipline Specific Course

Course Code: 21BSC2C2ZO02L

Course Title: Biochemistry and Physiology

Course Outcomes (COs):

1. At the end of the course the student should be able to understand: Basic structure of biomolecules through model making.
2. Develop the skills to identify different types of blood cells.
3. Enhance basic laboratory skill like keen observation, analysis and discussion. Learn the functional attributes of biomolecules in animal body.
4. Know uniqueness of enzymes in animal body and their importance through enzyme kinetics.

II Semester OPEN ELECTIVE COURSE

Course Code: 21BSC2O2ZO02

Course Title: Parasitology

1. At the end of course students understand basics of parasitology
2. They learn parasites of platyhelminthes, protists, nematodes, arthropods and vertebrates
3. Develop the skills in molecular diagnosis and clinical parasitology



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DEPARTMENT OF ENGLISH

PROGRAMME SPECIFIC OUTCOMES

2021-22

BY THE END OF THE PROGRAM THE STUDENTS WILL BE ABLE TO:

1. Communicate effectively and appropriately.
2. Use English effectively for the purpose of study across the curriculum.
3. Develop interest in the appreciation of Literature.
4. Acquaint with communication skills.
5. Inculcate life skills and human values.
6. Think creatively and critically.
7. Expand emotional intelligence.

The curriculum tries to align with the latest knowledge requirements. It also tries to meet specified learning outcomes. High-quality pedagogy is necessary to successfully impart the curricular material to support students. The teachers of English need to develop technological skills to impart quality education. Pedagogy involves Lecture (L) + Tutorial (T) model. Generally, the subjects without practical involve L+T model wherever necessary. The pedagogical practices determine the learning experiences and their outcomes that are provided to students– thus directly influencing learning outcomes. The assessment methods shall be scientific and will test the application of knowledge. At the end of the course, the students will be well-versed both in oral and written communication. They study cutting edge issues related to language and literature in all the respective courses prescribed by the expert committee. The wide range of topics and components help students to gain the learning outcomes effectively. The entire course structure tries to fulfill the needs of NEP 2020 having contemporary relevance and develop critical and creative thinking. Course outcomes promote a holistic approach towards value-based language learning which equips the learner with receptive as well as productive skills.

PSO₁: Become able in advanced reading and writing skills: written and oral communication.

PSO₂: Be ready for comparative study of literary texts.

PSO₃: Use prewriting techniques to develop ideas and produce multiple drafts of different types of paragraphs.

PSO₄: Improve their ability to read and understand the written word in everyday life through the study of basic comprehension skills, such as main idea, major and minor details, and patterns of organization.

PSO₅: Write complete, concise, concrete, correct, clear, and courteous letters and memoranda.

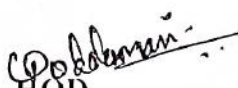
PSO₆: Interpret texts with an awareness of and curiosity for other viewpoints.

PSO₇: Attend to a wider range of voices within and across cultures.


PSO₈: Listen, speak, read, write, view and represent to:

- Explore thoughts, ideas, feelings and experiences
- Comprehend and respond personally and critically
- Manage ideas and information
- Enhance the clarity and artistry of communication
- Respect, support and collaborate with others

PSO₉: Develop confidence and skill in sharing and responding to thoughts, ideas and experiences through informal and formal presentations.


HOD
Head
Department of English




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DEPARTMENT OF ENGLISH

COURSE OUTCOMES

❖ **New Syllabus Implemented NEP As On 2021-22**

At the end of the each Course (English) students will be able to:

Course-I:

Course Code: ENGDSCA1 **Course Title:** Introduction to Literature

CO1. Designed to help learners understand the objectives of studying BA (Honours) in English, that is, to analyze, appreciate, understand and critically engage with literary texts written in English, approaching them from various perspectives and with a clear understanding of locations.

CO 2. Correctly define commonly used literary terms and concepts and use those terms and concepts to discuss and analyze works of literature.

CO 3. Identify structural elements of works of poetry, fiction, and drama, and analyze how those elements help create specific meanings and effects.

CO 4. Compare works of literature in terms of theme, structure, and use of literary devices.

CO 5. Gain an understanding of the concepts of literature.

CO 6. Appreciate literary form and structure in shaping a text's meaning.

Course Code: ENGDSCA2 **Course Title:** Indian Writing in English – I

CO1. Designed to help learners understand the objectives of studying BA (Honours) in English, that is, to analyze, appreciate, understand and critically engage with literary texts written in English, approaching them from various perspectives and with a clear understanding of locations.

- CO2. Trace and understand the development of Indian English Literature
- CO3. Compare works of literature in terms of theme, structure, and use of literary devices
- CO4. Appreciate literary form and structure in shaping a text's meaning

Course-II:

Course Code: ENGDSCA3 **Course Title:** Introduction to Phonetics and Linguistics

- CO1. Acquire the knowledge of Phonetics and its concepts
- CO 2. Gain an understanding of Linguistics and its concepts

Course Code: ENGDSCA4 **Course Title:** Indian Writing in English – II

- CO 1. Trace and understand the development of Indian English Literature
- CO 2. Compare works of literature in terms of theme, structure, and use of literary devices
- CO3. Develop critical thinking on the works and authors

CHOICE BASED CREDIT SYSTEM (CBCS) As on 2020-21

Course –III

Course Code: DSCENG107 **Course Title:** Understanding Literature III

English Literature (Romantic and Victorian Period) Poetry and Essays

On successful completion of CBCS English courses, an undergraduate student will be able to:

- CO₁: Understand the specific characteristics of Romantic and Victorian literary works.
- CO₂: Write analytically about Romantic Poetry.
- CO₃: Encompass a sound knowledge of Poetry and Essays .
- CO₄: Comprehend the characteristic features of Romantic and Victorian poetry.

Course IV:

Course Code: DSCENG108 **Course Title:** Understanding Literature IV

1. History of English Literature (20th Century) Representative Texts : I. Waiting for Godot – Samuel Becket
2. Unit III: Animal Farm – George Orwell

CO₁: Analyze literary works for their structure and meaning, using correct terminology and examples from different genres.

CO₂: Write analytically about modern British literature.

CO₃: Effectively communicate ideas related to the literary works during class and group activities.

CO₄: Display a working knowledge of dramatic and poetic structures present in English literary works, as well as a familiarity with many of the varied interpretations, analyses, and dramatizations of these works

As on 2021-22

All the Course Outcomes 3rd year are retained as of the previous year

Course-V: Literary Criticism (Course Code: E230)

CO₁: Understands the merits and demerits of literary works.

CO₂: Display a working knowledge of the varied interpretations and analyses.

CO₃: Describe distinct literary characteristics of works of art.

CO₄: Write analytically about literary works.

Course-VI: Indian English Literature (Course Code: E240)

CO₁: Effectively communicate ideas related to the literary genres of Indian English Literature.

CO₂: Identify and describe distinct literary characteristics of the Indian English poetry and novel.

CO₃: Analyze novels and other literary works for their structure and meaning, using correct terminology.

CO₄: Identify the Indianness in the Indian English Literature.

Course-VII: History of English Language and English Phonetics (Course Code: F230)

CO₁: Practice all vowel and consonant sounds in spoken English through the help of IPA (International Phonetic Alphabet) symbols.

CO₂: Employ the rules and patterns of intonation.

CO₃: Acknowledge unstressed syllables in multi-syllabic words.

CO₄: Link words together through consonant & vowel or consonant & consonant utterances.

CO₅: Perceive and generate syllable stress within words and word stress within phrases.

Course-VIII: World Classics (Course Code: F240)

CO₁: Display a working knowledge of the World Classics.

CO₂: Demonstrate the comprehension of classics of the world literature.

CO₃: Display an understanding of dramatic and poetic structures present in Classics, as well as a familiarity with the varied interpretations, analyses, and dramatizations of these works

Poddanona
Head
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[Signature]
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